

Figure 1A

>3107759H1	AGAGTGGCCT	AGGACAGCTC	CTCTCCTGCC	AGAGCTAGGC	AGGCGCCGAA
>3107759inh	AGAGTGGCCT	AGGACAGCTC	CTCTCCTGCC	AGAGCTAGGC	AGGCGCCGAA
Consensus	AGAGTGGCCT	AGGACAGCTC	CTCTCCTGCC	AGAGCTAGGC	AGGCGCCGAA
>3107759H1	GTAGCCGCAT	GGCCCCGTCA	GAAGACCCCA	GGGACTGGAG	AGCCAACCTC
>3107759inh	GTAGCCGCAT	GGCCCCGTCA	GAAGACCCCA	GGGACTGGAG	AGCCAACCTC
>604775H1				GGGACTGGAG	AGCCAACCTC
Consensus	GTAGCCGCAT	GGCCCCGTCA	GAAGACCCCA	GGGACTGGAG	AGCCAACCTC
>3107759H1	AAAGGCACCA	TCCGTGAGAC	AGGCCTGGAG	ACCAGCTCCG	GTGGGAAGCT
>3107759inh	AAAGGCACCA	TCCGTGAGAC	AGGCCTGGAG	ACCAGCTCCG	GTGGGAAGCT
>604775H1	AAAGGCACCA	TCCGTGAGAC	AGGCCTGGAG	ACCAGCTCCG	GTGGGAAGCT
Consensus	AAAGGCACCA	TCCGTGAGAC	AGGCCTGGAG	ACCAGCTCCG	GTGGGAAGCT
>3107759H1	GGCTGGCCAT	CAGAAGACCG	TCCCCACGGC	TCACCTGACT	TTTGTTATTG
>3107759inh	GGCTGGCCAT	CAGAAGACCG	TCCCCACGGC	TCACCTGACT	TTTGTTATTG
>604775H1	GGCTGGCCAT	CAGAAGACCG	TCCCCACGGC	TCACCTGACT	TTTGTTATTG
Consensus	GGCTGGCCAT	CAGAAGACCG	TCCCCACGGC	TCACCTGACT	TTTGTTATTG
>3107759H1	ACTGCACCCA	CGGGAAGCAG	CTCTCCCTGG	CAGCAACCGC	ATCACCACCC
>3107759inh	ACTGCACCCA	CGGGAAGCAG	CTCTCCCTGG	CAGCAACCGC	ATCACCACCC
>604775H1	ACTGCACCCA	CGGGAAGCAG	CTCTCCCTGG	CAGCAACCGC	ATCACCACCC
Consensus	ACTGCACCCA	CGGGAAGCAG	CTCTCCCTGG	CAGCAACCGC	ATCACCACCC
>3107759H1	CAAGCCCCCA	GTCCCAATCG	AGGG:TTGTC	ACCCACCA	
>3107759inh	CAAGCCCCCA	GTCCCAATCG	AGGGCTTGTC	ACCCACCAA	TGAAGACCTA
>604775H1	CAAGCCCCCA	GTCCCAATCG	AGGGCTTGTC	ACCCACCAA	TGAAGACCTA
Consensus	CAAGCCCCCA	GTCCCAATCG	AGGGCTTGTC	ACCCACCAA	TGAAGACCTA
>3107759inh	CATCGTGTTT	TGTGGGGAAA	ACTGGCCCCA	TCTTACTCGG	GTGACCCCCA
>604775H1	CATCGTGTTT	TGTGGGGAAA	ACTGGCCCCA		
>1996033H1		C TGTGGGGAAA	ACTGGCCCCA	TCTGACTCGG	GTGACCCCCA
Consensus	CATCGTGTTT	TGTGGGGAAA	ACTGGCCCCA	TCTKACTCGG	GTGACCCCCA
>3107759inh	TGGGTGGGGG	ATGCCTTGCC	CAGGCCAGGG	CCACCCTGCC	GCTCTGCAGA
>1996033H1	TGGGTGGGGG	ATGCCTTGCC	CAGGCCAGGG	CCACCCTGCC	GCTCTGCAGA
Consensus	TGGGTGGGGG	ATGCCTTGCC	CAGGCCAGGG	CCACCCTGCC	GCTCTGCAGA
>3107759inh	GGGTCTGTGG	CCTCAGCTTC	CTTCCCAGTC	AGCCCGCTCT	GCCCCCAGGA
>1996033H1	GGGTCTGTGG	CCTCAGCTTC	CTTCCCAGTC	AGCCCGCTCT	GCCCCCAGGA
Consensus	GGGTCTGTGG	CCTCAGCTTC	CTTCCCAGTC	AGCCCGCTCT	GCCCCCAGGA
>3107759inh	GGTTCCCGAG	GCTAAGGGGA	AACCCGTGAA	GGCTGCGCCT	GTGAGGTC TT
>1996033H1	GGTTCCCGAG	GCTAAGGGGA	AACCCGTGAA	GGCTGCGCCT	GTGAGGTC TT
Consensus	GGTTCCCGAG	GCTAAGGGGA	AACCCGTGAA	GGCTGCGCCT	GTGAGGTC TT
>3107759inh	CAACTTGGGG	AACAGTCAAG	GACTCACTGA	AAGCCCTCTC	CTCTTGTGTC
>1996033H1	CAACTTGGGG	AACAGTCAAG	GACTCACTGA	AAGCCCTCTC	CTCTTGTGTC
Consensus	CAACTTGGGG	AACAGTCAAG	GACTCACTGA	AAGCCCTCTC	CTCTTGTGTC
>3107759inh	TGTGGGCAGG	CCGATTAGCT	GGAAGGGCCG	GGCTCTGATG	CCCAGAGGCT
>1996033H1	TGTGGGCAGG	CCGAT			
Consensus	TGTGGGCAGG	CCGATTAGCT	GGAAGGGCCG	GGCTCTGATG	CCCAGAGGCT

Figure 1B

>3107759inh	GCAATTCCCA	GGGCCTGGCC	CTGCTTCCCC	AGCTAAGCAG	GAGTCTTTTG
<g3178059					GAGTCTTTTG
Consensus	GCAATTCCCA	GGGCCTGGCC	CTGCTTCCCC	AGCTAAGCAG	GAGTCTTTTG
>3107759inh	TGCTTGAGCC	AAGGAAACAT	CATTAGATCC	GCTAAGGGGC	ATCTGAAACA
<g3178059	TGCTTGAGCC	AAGGAAACAT	CATTAGATCC	GCTAAGGGGC	ATCTGAAACA
Consensus	TGCTTGAGCC	AAGGAAACAT	CATTAGATCC	GCTAAGGGGC	ATCTGAAACA
>3107759inh	TCCGTCGAGT	GGCAGAGGCA	GGATAAGTCA	CCTGCACATG	AAGAGACTCA
<g3178059	TCCGTCGAGT	GGCAGAGGCA	GGATAAGTCA	CCTGCACATG	AAGAGACTCA
Consensus	TCCGTCGAGT	GGCAGAGGCA	GGATAAGTCA	CCTGCACATG	AAGAGACTCA
>3107759inh	TTCATTCATA	CAGCAAATAT	TACTGGTACA	TCTTCCACAT	GCCAGGCCCT
<g3178059	TTCATTCATA	CAGCAAATAT	TACTGGTACA	TCTTCCACAT	GCCAGGCCCT
<g2355479				TTCCACAT	GCCAGGCCCT
Consensus	TTCATTCATA	CAGCAAATAT	TACTGGTACA	TCTTCCACAT	GCCAGGCCCT
>3107759inh	GCAAAGTGCT	GGGGAGATAC	CATGGTTTTTC	CTGGAGCTGG	TATTTTTGGG
<g3178059	GCAAAGTGCT	GGGGAGATAC	CATGGTTTTTC	CTGGAGCTGG	TATTTTTGGG
<g2355479	GCAAAGTGCT	GGGGAGATAC	CATGGTTTTTC	CTGGAGCTGG	TATTTTTGGG
Consensus	GCAAAGTGCT	GGGGAGATAC	CATGGTTTTTC	CTGGAGCTGG	TATTTTTGGG
>3107759inh	GTGGAGGGAA	CCCACCCTGA	ATAAATAAAG	TAACCCAATA	AATAAAGAAG
<g3178059	GAGGAGGGAA	CCCACCCTGA	ATAAATAAAG	TAACCCAATA	AATAAA
<g2355479	GTGGAGGGAA	CCCACCCTGA	ATAAATAAAG	TAACCCAATA	AATAAAGAAG
Consensus	GTGGAGGGAA	CCCACCCTGA	ATAAATAAAG	TAACCCAATA	AATAAAGAAG
>3107759inh	ATGATTTTGA				
<g2355479	ATGATTTTGA	ACAGC			
Consensus	ATGATTTTGA	ACAGC			

Figure 2

